

s/n: 10/606,221  
date: 11-3-04

("4233612"   "4321627"   "4513298"   "4535343"   "4745416"			
"4764776"   "4769659"   "4783149"   "4794410"   "4794463"			
"4812859"   "4847630"   "4862197"   "4894664"   "4903051"			
"5021808"   "5040074"   "5095376"   "5159349"   "5589865"			
"5691759"   "5719602"   "5732168"   "5734394"   "5742305"			
"5745152"   "5760817"   "5805296"   "5844588"   "5870132"			
"5920336"   "5929892"   "5933184"   "5984464"   "5991055"			
38	"6135586"   "6266073"   "6318825"   "2002/0051031").PN.	USPAT	11/1/04 16:38
9	4745416.URPN.	USPAT	11/1/04 16:35
(((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-			
243)).CCLS.) and (((scan\$5 and (rotat\$5 with (polygon or prism)) and			
(laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or			
91	light))) and ((stray or ghost or unwanted) with light))	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:34
((((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-			
243)).CCLS.) and (((scan\$5 and (rotat\$5 with (polygon or prism)) and			
(laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or			
56	light))) and ((stray or ghost or unwanted) with light))) and drum\$2	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:34
((((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))			
and ((plural\$5 or multipl\$4 or several) with (laser or light))) and			
((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834).CCLS.) and drums)			
29	and ((stray or ghost or unwanted) with light)	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:31
((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))			
and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((stray			
377	or ghost or unwanted) with light)	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:31
((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834) or (347/256-			
6876	262)).CCLS.	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:30
(359/618,196,204,206,212,216-			
6122	221,226,227,234,520,522,872,873,874,833,834).CCLS.	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:30
((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-			
8841	243)).CCLS.	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:30
11	4930869.URPN.	USPAT	11/1/04 14:35
((((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834).CCLS.) and			
((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))			
and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or			
diode\$2))) and ((stray or ghost or unwanted) with light)) not			
57	4796964.URPN.	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:30

(((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and (scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or diode\$2)))) and ((stray or ghost or unwanted) with light)) not ((((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.)) and drums) 30 and ((stray or ghost or unwanted) with light))	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:30
(scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and 4826 ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or diode\$2)) ((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and (scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or 715 diode\$2))))	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:29
(((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and (scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or 59 diode\$2)))) and ((stray or ghost or unwanted) with light) (scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and 4804 ((plural\$5 or multipl\$4 or several) with (laser or light)) 29 4796964.URPN. 29 4796964.URPN. 3 ("4796961"   "4796964"   "5233175").PN. (scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((359/618,196,204,206,212,216- 714 221,226,227,234,520,522,872,873,874,833,834).CCLS.)	USPAT; US-PGPUB; IBM_TDB USPAT USPAT USPAT	11/1/04 14:29 11/1/04 14:28 11/1/04 14:18 11/1/04 14:17 11/1/04 14:16
(((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((359/618,196,204,206,212,216- 358 221,226,227,234,520,522,872,873,874,833,834).CCLS.)) and drums (359/618,196,204,206,212,216- 5772 221,226,227,234,520,522,872,873,874,833,834).CCLS. 9715 scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light) 3 5793515.URPN. 4 ("3944323"   "5204769"   "5270849"   "5337182").PN. 3 5337182.URPN. 0 6501586.URPN. 4 ("5200611"   "5489936"   "5793515"   "6313935").PN. 1 ("4561717").PN. 3 ("4390235"   "4855761"   "4962983").PN. 8 takayama-hidemi.in. 1 ("5473466").PN. 2 (("5181137") or ("5784094")).PN. (((scanning adj optical adj system) and (rotating adj polygon)) and (((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834) or (347/256- 45 262)).CCLS.)) and (plural\$5 with (laser or light))	USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT USPAT USPAT USPAT USPAT; US-PGPUB; IBM_TDB USPAT USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB	11/1/04 14:13 11/1/04 14:12 11/1/04 14:11 11/1/04 13:44 11/1/04 13:43 11/1/04 13:43 11/1/04 13:42 11/1/04 13:42 11/1/04 10:41 11/1/04 10:40 3/10/04 16:21 3/10/04 16:21 3/10/04 15:02 3/10/04 13:43

<p>((scanning adj optical adj system) and (rotating adj polygon)) and  (((359/618,196,204,206,212,216-  221,226,227,234,520,522,872,873,874,833,834) or (347/256-  74 262)).CCLS.)</p>	USPAT; US-PGPUB; IBM_TDB	3/10/04 13:42
<p>((scanning adj optical adj system) and (rotating adj polygon)) and  (light adj shield)) and (((359/618,196,204,206,212,216-  221,226,227,234,520,522,872,873,874,833,834) or (347/256-  2 262)).CCLS.)</p>	USPAT; US-PGPUB; IBM_TDB	3/10/04 13:20
<p>((scanning adj optical adj system) and (rotating adj polygon)) and  3 (light adj shield)</p>	USPAT; US-PGPUB; IBM_TDB	3/10/04 11:22
2261 scanning adj optical adj system	USPAT; US-PGPUB; IBM_TDB	3/10/04 11:21
170 (scanning adj optical adj system) and (rotating adj polygon)	USPAT; US-PGPUB; IBM_TDB	3/10/04 11:21
6 5463418.URPN.	USPAT	2/18/04 17:52
39 5251055.URPN.	USPAT	2/18/04 17:51
4 ("4796963"   "4863227"   "5153608"   "5251055").PN.	USPAT	2/18/04 17:49
2 5903379.URPN.	USPAT	2/18/04 17:48
0 6633424.URPN.	USPAT	2/18/04 17:48
2 ("5903379"   "6400488").PN.	USPAT	2/18/04 17:48
8 4863227.URPN.	USPAT	2/18/04 17:44
<p>((359/618,196,204,206,212,216-  221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or  18 unwant\$5) with light)) and opaque</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:41
<p>((rotating with (mirror or polygon)) same light) and  (((359/618,196,204,206,212,216-  221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or  28 unwant\$5) with light))</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:41
<p>(shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or  5203 unwant\$5) with light</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:38
<p>((359/618,196,204,206,212,216-  221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or  123 unwant\$5) with light)</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:38
11430 (ghost\$5 or stray\$5 or unwant\$5) near2 light	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:37
<p>((359/618,196,204,206,212,216-  221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  ((rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or  42 unwant\$5) near2 light))) and (shield\$4 or block\$4)</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:37
<p>(rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or  728 unwant\$5) near2 light)</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:36
<p>((359/618,196,204,206,212,216-  221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  ((rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or  74 unwant\$5) near2 light))</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:36
16869 rotating with (mirror or polygon)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:35
8400 (rotating with (mirror or polygon)) same light	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:35
<p>((359/618,196,204,206,212,216-  221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  985 ((rotating with (mirror or polygon)) same light)</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:35
<p>SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO-  YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not  hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-  17 yoshihiro.in.))</p>	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:15

SAITO, TOSHIMITSU.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)) not (SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:15
35904 SAITO-TOSHIMITSU.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)) not (SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:15
17 SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:13
41 (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)) and (rotati\$5 same polygon)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:11
0 (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)) and (polygon)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:11
0 hama-yoshihiro.in. and ghost	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
1 hama-yoshihiro.in. and stray	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
1 hama-yoshihiro.in. and shield	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and ghost	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and stray	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and shield	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
4 TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:09
25 hama-yoshihiro.in.	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:05